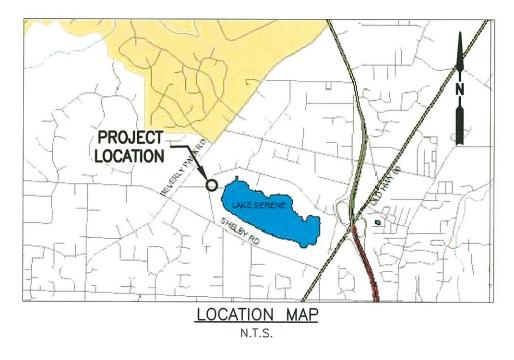
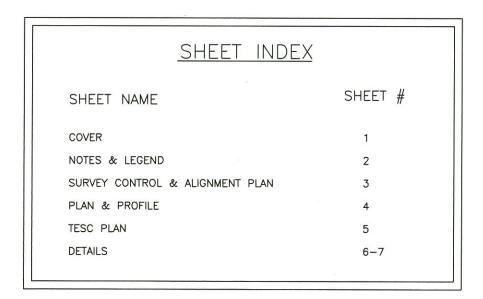
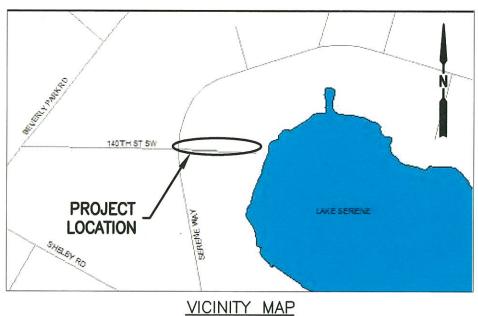
DRAINAGE IMPROVEMENT NEAR 140TH ST SE & SERENE WAY SNOHOMISH COUNTY DEPARTMENT OF PUBLIC WORKS SURFACE WATER MANAGEMENT PROJECT RR48837







N.T.S.



Snohomish County Officials

DIRECTOR OF PUBLIC WORKS

STEVEN E. THOMSEN, P.E.

COUNTY ENGINEER OWEN B. CARTER, P.E.

EXECUTIVE DAVE SOMERS

COUNCIL MEMBERS

NATE NEHRING - DIST. 1 BRIAN SULLIVAN - DIST. 2 STEPHANIE WRIGHT - DIST. 3

TERRY RYAN - DIST. 4 SAM LOW - DIST. 5

Last Saved By: spwd1h Feb 21, 2017 - 9:40am

GENERAL NOTES

- 1. ALL MATERIALS AND CONSTRUCTION ARE TO COMPLY WITH THE CURRENT EDITION OF THE SNO. CO. P.W. ENGINEERING DESIGN AND DEVELOPMENT STANDARDS (EDDS), SNOHOMISH COUNTY CODE TITLE 30, AND/OR 2016 W.S.D.O.T. STANDARD PLANS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- 2. UTILITY LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. UTILITY LOCATE SERVICE (1-800-424-5555). UTILITIES TO BE RELOCATED BY ALDERWOOD WATER & WASTE WATER DISTRICT. CONTACT MIKE JOHNSON 425-478-3875
- 3. DETOURS, ROAD CLOSURES, AND TRAFFIC CONTROL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 4. A PRE-CONSTRUCTION CONFERENCE SHALL BE SCHEDULED BETWEEN THE CONTRACTOR AND THE DESIGNER PRIOR TO ACTUAL CONSTRUCTION.
- 5. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS, OR AS SHOWN ON PLANS, BY THE CONTRACTOR.

CONSTRUCTION SEQUENCE

- 1. INSTALL EROSION/SEDIMENT CONTROL BMP'S PER SWPP.
- 2. CLEAR AND GRUB CONSTRUCTION AREA.
- 3. SAWCUT AND REMOVE ROAD PAVEMENT. PLATE ROAD TO PROVIDE ACCESS.
- 4. INSTALL TEMPORARY DEWATERING PUMP PER TESC IF NEEDED.
- 5. STARTING WITH CB #3, INSTALL ONE SECTION OF PROPOSED PIPE/CB'S, WORKING UP STREAM.
- 6. THE LAST PIPE SECTION THAT EXTENDS INTO THE LAKE SHOULD BE A FULL 20' STICK OF PIPE. IF NEEDED, TEMPORARILY PLUG THE UPSTREAM END OF THE PIPE WITH A PNEUMATIC PLUG AFTER INSTALLATION.
- 7. INSTALL THE 24" PIPE LAST, AND CONNECT TO THE EXISTING CB.
- 8. MOVE DEWATERING SYSTEM AS NEEDED.
- 9. RESTORE ROAD SURFACE, ROAD SHOULDER, DRIVEWAY, AND OTHER DISTURBED AREAS.
- 10. REMOVE BMP'S/CLEAN-UP.

UTILITY CONTACT INFORMATION

ALDERWOOD WATER AND WASTEWATER DISTRICT 3626 156TH ST SW LYNNWOOD, WA 98087-5021 CONTACT: BRIGITTE MCCARTY (425)743-4605 MAINTENACE/OPERATIONS CONTACT: MIKE JOHNSON (425)478-3875

ATT 12805 412TH AVE SE NORTH BEND, WA 98045 CONTACT: CARL ACUFF (425)888-0559 (350)951-5920

COMCAST
1525 75TH ST SW, STE 200
EVERETT, WA 98203
CONTACT: CASEY BROWN
CASEY_BROWN@CABLE.COMCAST.COM
(425)754~0064

SNOHOMISH COUNTY PUD NO. 1 120 E FREMONT ST MONROE, WA 98272 CONTACT: GAYLE DANAHY (360)794-3919

SNOHOMISH COUNTY PUD NO. 1 (POWER)
1802 75TH ST SW
PO BOX 1107, MS #02
EVERETT, WA 98206
CONTACT: ERIN BURKE
EFBURKE@SNOPUD.COM
(425)783-4745
CONTACT: DANA LIM
(360)629-5712

SPRINT 5309 S 2ND AVE EVERETT, WA 98203 CONTACT: GENE HANK (425)750-9598

WAVE BROADBAND PO BOX 1630 LA CONNER, WA 98257 CONTACT: ED KNIPPER EDKOWAYEBROADBAND.COM (425)508-9586

SUMMARY OF QUANTITIES

ITEM NO.	QUANTITY	UNIT	STD. ITEM NO.	DESCRIPTION			
1	378	L.F.		SINGLE WALLED CPSSP 18 IN. DIAM.			
2	15	L.F.	3607	CPSSP 18 IN. DIAM			
3	144	L.F.	3608	CPSSP 24 IN. DIAM.			
4	1	EA.	3105	CATCH BASIN TYPE 2 48 IN. DIAM.			
5	2	EA		CATCH BASIN TYPE 1L			
6	95	C.Y.	7017	GRAVEL BACKFILL FOR PIPE ZONE BEDDING			
7	1	EA.		OUTLET STRUCTURE			
8	148	C.Y.	6407	TOPSOIL TYPE A			
9	0.14	ACRE	6412	SEEDING AND FERTILIZING			
10	50	L.F.	6635	SILT FENCE			
11	2	EA.	6471	INLET PROTECTION			
12	1	EA.		CONNECT TO DRAINAGE STRUCTURE			
13	1	L.S.		COFFER DAM (SUPER SACKS & SANDBAGS)			
14	9	TON	5767	HMA CLASS 1/2 INCH PG 64-22			
15	102	L.F.		4" PERF. PIPE			
16	36	L.F.		4" PVC			
17	20	C.Y.		DRAIN ROCK			
18	1	L.S.		ENERGY DISSIPATOR (COIR LOGS)			

LEGEND

	EDGE OF PAVEMENT (EXISTING)
	BUILDING LINE (EXISTING)
	BUILDING OVERHANG
	CONCRETE (EXISTING)
	CONCRETE (PROPOSED)
	PAVEMENT (PROPOSED)
	DITCH CENTERLINE (EXISTING)
	DITCH CENTERLINE (PROPOSED)
	FENCE (EXISTING)
	GRAVEL (EXISTING)
	LAKE WATER EDGE
SF SF	SILT FENCE
	CONTOUR (MINOR-EXISTING)
	CONTOUR (MAJOR-EXISTING)
	CONTOUR (MINOR-PROPOSED)
	CONTOUR (MAJOR-PROPOSED)
	EASEMENT (EXISTING)
	EASEMENT (PROPOSED)
	PROPERTY LINE
	RIGHT-OF-WAY € (EXISTING)
	RIGHT-OF-WAY (EXISTING)
	STORM DRAIN (PROPOSED)
	CABLE TELEVISION (AERIAL)
	POWER (AERIAL)
\$ \$	SANITARY SEWER
	SANITARY SEWER (FORCE MAIN)
	STORM DRAINAGE (STR TO STR)
	TELEPHONE (AERIAL)

------ v ------ WATER

PLAN CHECK	BY	DATE					Last Saved By: spwd1h Feb 21, 2017 — 9:40am				
							REGION STATE FED. A	D PROJ. NO.	SURVEY NO.		
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							DESIGNED BY:	DRAWN BY:		Ų	
							D. HOWE	D. HOWE		1	
							FIELD BOOK(S):	UPI#		-	
			DATE	NO.	REVISION	В	1	14-0	0142-1		



REVIEWED AND APPROVED FOR CONSTRUCTION

SNOHOMISH COUNTY

DEPARTMENT OF

PUBLIC WORKS

PUBLIC WORKS

DATE APPROVED

FUNDING NO. RR48837

EMERGENCY BYPASS
LAKE SERENE OUTLET
NOTES

SHEET NO.

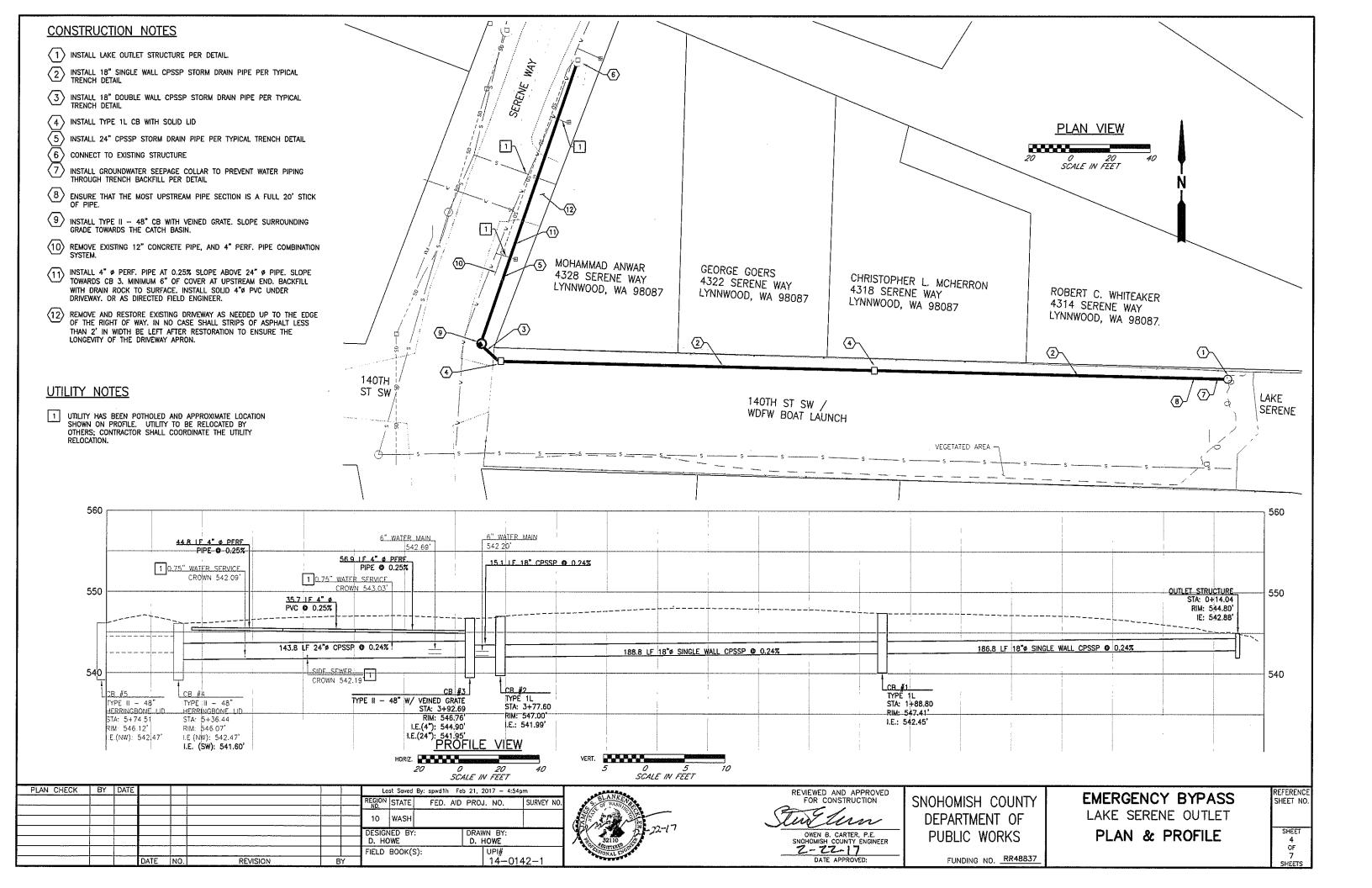
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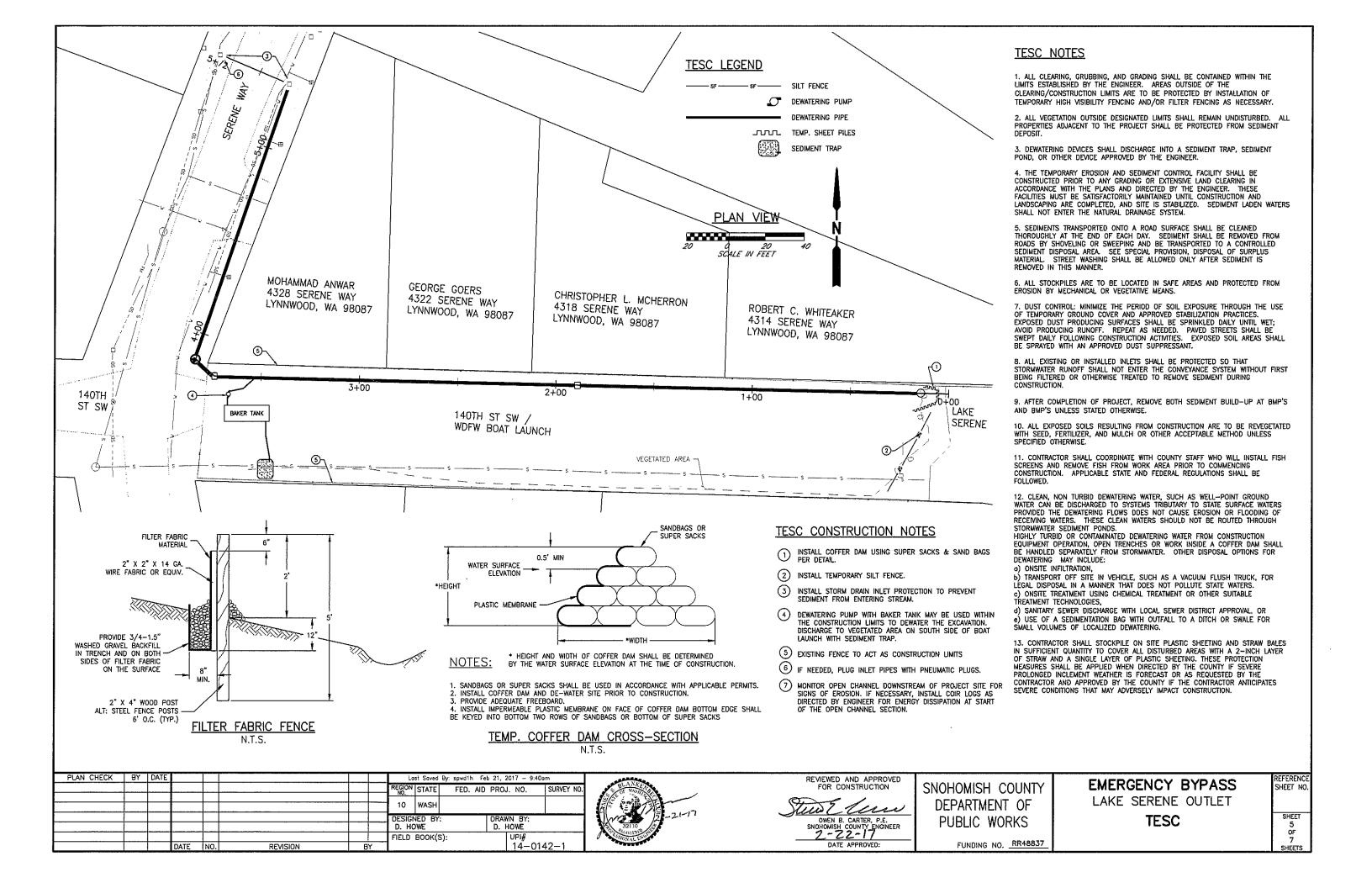
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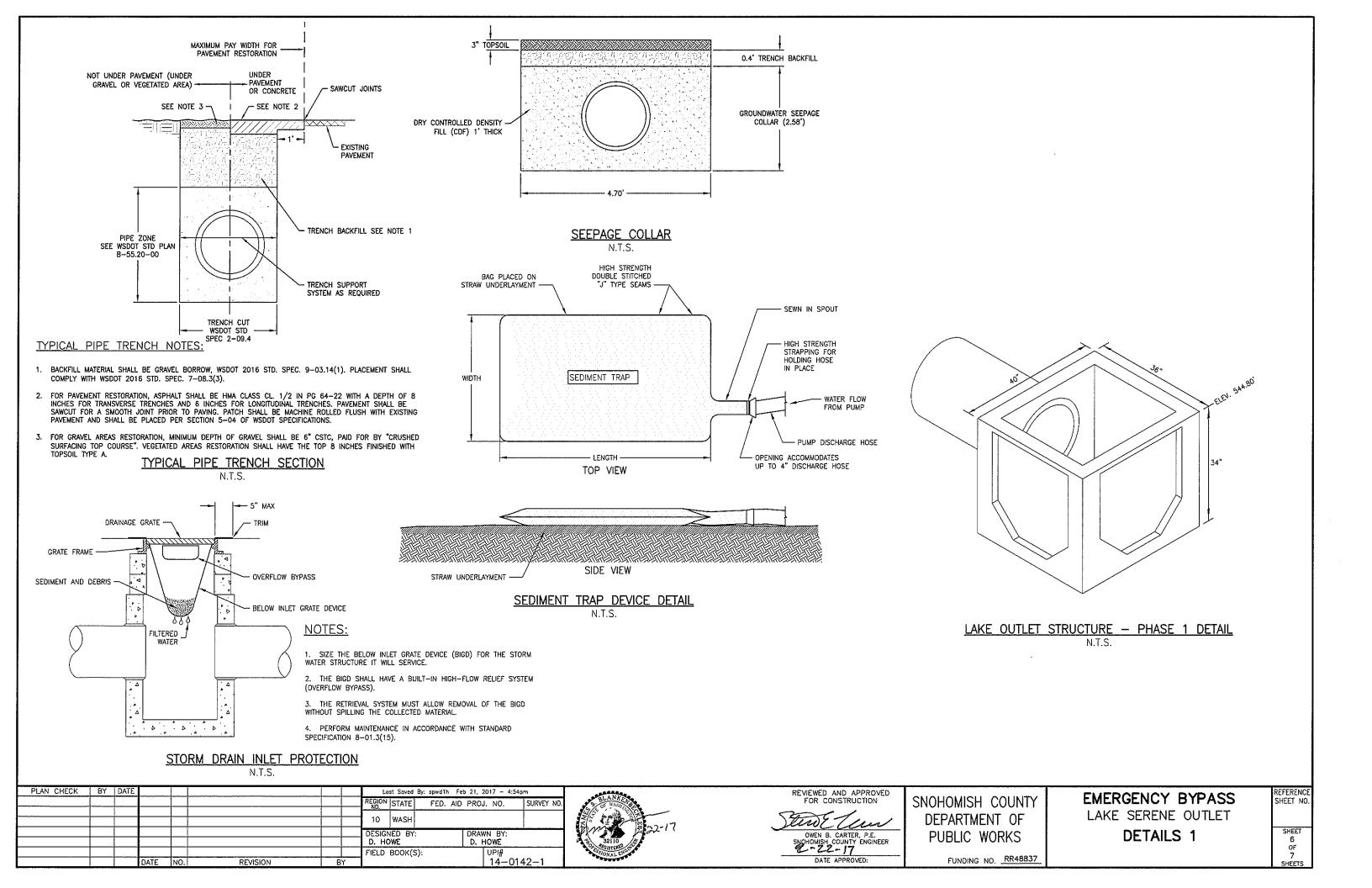
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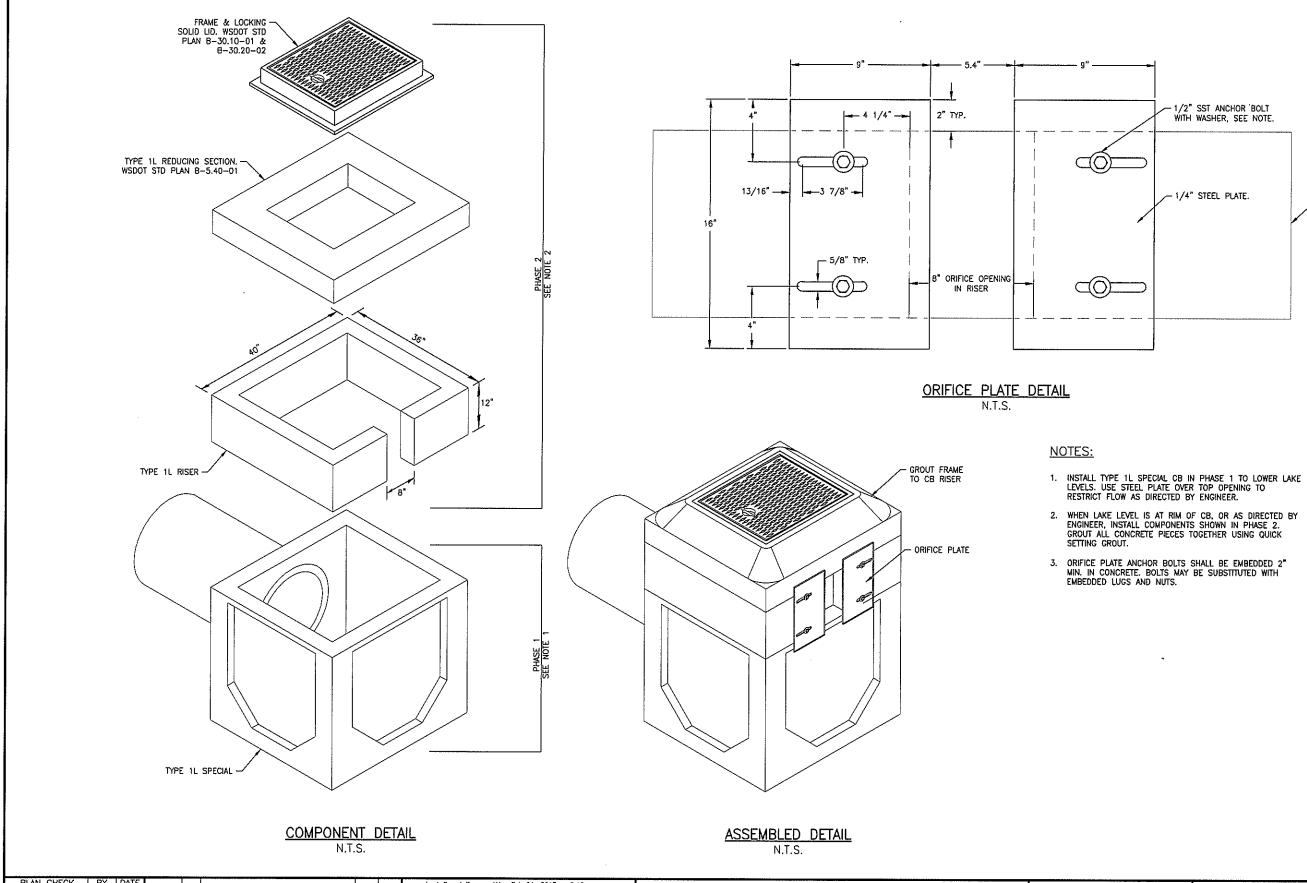
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PLAN CHECK	BI	DATE		\perp				Last Saved By: spwd1h Feb 21, 2017 — 9:40am			
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								FIELD BOOK(S):	UPI#		
			DATE	NO.	REVISION	В	Y		14-0	142-1	



REVIEWED AND APPROVED FOR CONSTRUCTION

OWEN B. CARTER, P.E.
SNOHOMISH COUNTY ENGINEER
7-72-17
DATE APPROVED:

SNOHOMISH COUNTY DEPARTMENT OF PUBLIC WORKS

FUNDING NO. RR48837

EMERGENCY BYPASS
LAKE SERENE OUTLET
DETAILS 2

REFERENCE SHEET NO. SHEET 7 OF 7

TYPE 1L RISER